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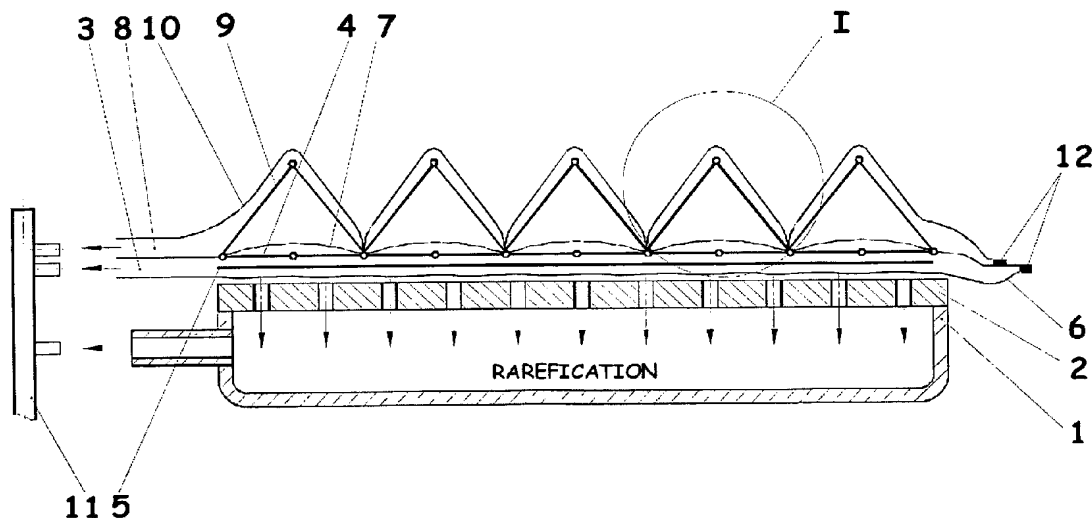
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(54) Title: DEVICE FOR SHEET MATERIAL CORRUGATION



(57) Abstract: The invention can be defined in its most general form as a device for sheet material corrugation by means of bending and can be used in production of light core for sandwich panels, and elements of heat-exchange apparatus. The device includes the pivotally connected in-between shaping and auxiliary systems of dies (4) and the drive for their transformation including the system of vacuumization and the chamber (3) made of flexible gas-proof material where the latter of said systems is fixed. Used to set the system of shaping dies (4) into its initial plane state is the mechanism made in the form of rigid chamber with the perforated cap (2) providing the possibility to connect the chamber to the system of vacuumization. The device also includes the subsidiary flexible removable vacuum chamber (8) wherein the blank (6) from sheet material is placed in contact with the shaping system of dies (4). Said chamber and the transformation drive chamber have a common wall rigidly connected to the shaping and auxiliary systems of dies (4) at locations of their pivot connection.

WO 2005/056208 A1



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